* Depending on the software installed or your service provider or country, some of the descriptions in this guide may not match your phone exactly.
* Depending on your country, your phone and accessories may appear different from the illustrations in this guide.

SAMSUNG ELECTRONICS

World Wide Web
http://www.samsungmobile.com

Printed in Korea
Code No.:GH68-15042A
English. 06/2007. Rev. 1.0

SAMSUNG

SGH-E848
User’s Guide

Important safety precautions

☑ Failure to comply with the following precautions may be dangerous or illegal.

Copyright information

- Bluetooth® is a registered trademark of the Bluetooth SIG, Inc. worldwide. Bluetooth QD ID: B012609
- Java™ is a trademark or registered trademark of Sun Microsystems, Inc.
- Picsel and Picsel Viewer™ are trademarks of Picsel Technologies, Inc.
- Windows Media Player® is a registered trademark of Microsoft Corporation.

Drive safely at all times

Do not use a hand-held phone while driving. Park your vehicle first.

Switch off the phone when refuelling

Do not use the phone at a refuelling point (service station) or near fuels or chemicals.

Switch off in an aircraft

Wireless phones can cause interference. Using them in an aircraft is both illegal and dangerous.

Switch off the phone near all medical equipment

Hospitals or health care facilities may be using equipment that could be sensitive to external radio frequency energy. Follow any regulations or rules in force.

Interference

All wireless phones may be subject to interference, which could affect their performance.

Be aware of special regulations

Meet any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

Water resistance

Your phone is not water-resistant. Keep it dry.

Sensible use

Use only in the normal position (held to your ear). Avoid unnecessary contact with the antenna when the phone is switched on.

Emergency calls

Key in the emergency number for your present location, then press .

Keep your phone away from small children

Keep the phone and all its parts, including accessories, out of the reach of small children.

Accessories and batteries

Use only Samsung-approved batteries and accessories, such as headsets and PC data cables. Use of any unauthorised accessories could damage you or your phone and may be dangerous.

- The phone could explode if the battery is replaced with an incorrect type.
- Dispose of used batteries according to the manufacturer's instructions.

At very high volumes, prolonged listening to a headset can damage your hearing.

Use of authorised software

Use only Samsung-authorised software. The use of any unauthorised software could damage your phone.

Qualified service

Only qualified service personnel may repair your phone.

For more detailed safety information, see "Health and safety information" on page 45.

About this Guide

This User's Guide provides you with condensed information about how to use your phone.

In this guide, the following instruction icons appear:

☑	Indicates that you need to pay careful attention to the subsequent information regarding safety or phone features.
→	Indicates that you need to press the Navigation keys to scroll to the specified option and then select it.
[ ]	Indicates a key on the phone. For example, [ ]
< >	Indicates a soft key, whose function is displayed on the phone screen. For example, <**Menu**>

- **Camera and camcorder**

  Use the camera module on your phone to take a photo or record a video.

Special features of your phone

- **Synchronisation with Windows Media Player**

  Transfer music files to your phone directly from the Windows Media Player.

- **Music player**

  Play music files using your phone as a music player. You can use other phone functions while listening to music.

- **Image editor**

  Edit or decorate your photos.

- **Photo printing**

  Print your photos to preserve your best moments forever.

- **Phone to TV**

  View photos and video clips captured with the phone on your TV screen.

- **Offline mode**

  Switch your phone to Offline mode to use its non-wireless functions while on an aeroplane.

- **FM radio**

  Listen to your favourite radio stations anytime, anywhere.

- **Bluetooth**

  Transfer media files and personal data, and connect to other devices using wireless Bluetooth technology.

- **File viewer**

  Open documents in various formats on the phone without corruption.

- **SOS message**

  Send SOS messages to your family or friends for help in an emergency.

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Overview of menu functions

To access Menu mode, press <**Menu**> in Idle mode.

1 Logs

1 Recent contacts
2 Missed calls
3 Dialled calls
4 Received calls
5 Sent messages
6 Received messages
7 Delete all
8 Call manager

2 Phonebook

1 Contact list
2 Create contact
3 Group
4 Speed dial
5 My namecard
6 Own numbers
7 Management
8 Service number[1]

3 Music player

4 Browser

1 Home
2 Anysearch

4 Browser

3 SFC home
4 Enter URL
5 Bookmarks
6 Saved pages
7 History
8 Browser settings
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5 Messages

1 Create message
2 My messages
3 Templates
4 Delete all
5 Settings
6 SOS Messages
7 Memory status

6 My files

1 Images
2 Videos
3 Music
4 Olympic Games English
5 Sounds
6 Other files
7 Memory card[3]
8 Memory status

7 Calendar

8 Camera

9 Bluetooth

* Applications

1 Smart search
2 Voice recorder
3 FM radio
4 Image editor
5 Image stamp
6 Java world
7 World clock
8 Calculator
9 Converter
10 Timer
11 Stopwatch
12 Memo
13 SIM application toolkit[1]

0 Alarms

Settings

1 Time and date
2 Phone settings
3 Display settings
4 Sound settings
5 Light settings
6 Setup wizard
7 Network services
8 Security
9 Connection settings
10 Memory status
11 Reset settings

1. Available only if supported by your SIM card.
2. Available only if supported by your service provider.
3. Available only if a memory card is inserted.

Unpack

Make sure you have each item

- Phone
- Travel adapter
- Battery
- User's Guide

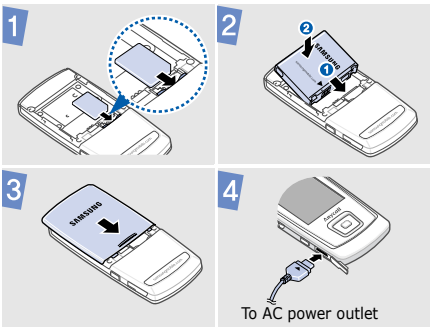
You can obtain various accessories from your local Samsung dealer.

- The items supplied with your phone and the accessories available at your Samsung dealer may vary, depending on your country or service provider.
- Use the purchased accessories with only Samsung-authorised devices. The use of these accessories with other devices could cause problems and any repair costs would not be covered by the warranty.

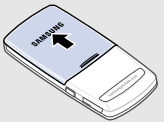
Get started

First steps to operating your phone

Assemble and charge the phone



Removing the battery cover

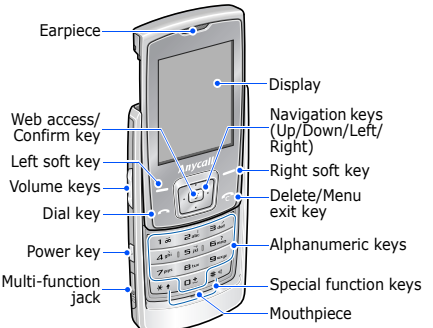


Power on or off

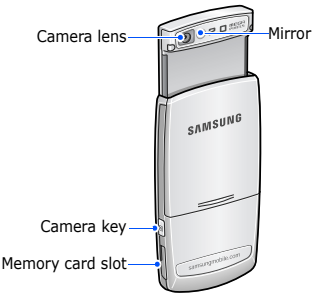
Switch on	1. Open the phone. 2. Press and hold [⏻]. 3. If necessary, enter the PIN and press <**OK**>. 4. When the setup wizard opens, customise your phone according to your preferences. See page 17.
Switch off	1. Open the phone. 2. Press and hold [⏻].

Phone layout

Front view



Rear view



When you close the phone, it locks the exposed keys to prevent any unwanted phone operations, from accidentally pressing any of the keys. To unlock the keypad, press [ⓘ].

Keys and icons

Keys

	Perform the function indicated on the bottom line of the display.
	In Idle mode, access the following menus: • Up: My menu mode • Left/Right/Down: your favourite menus In Menu mode, scroll through menu options.
	In Idle mode, access the **WAP browser** menu. In Menu mode, select the highlighted menu option or confirm input.
	Make or answer a call. In Idle mode, retrieve the numbers recently dialled, missed, or received.
	End a call. Delete characters from the display. In Menu mode, cancel input and return the phone to Idle mode.
	Enter numbers, letters, and some special characters. In Idle mode, press and hold [**1**] to access your voicemail server. Press and hold [**0**] to enter an international call prefix.

	Enter special characters or perform special functions. In Idle mode, press and hold [#] to activate or deactivate Silent mode. Press and hold [*] to enter a pause between numbers.
	Adjust the phone volume.
	Press and hold to switch the phone on or off. Press to activate or deactivate the touch keys.
	Press and hold to turn on the camera. In Camera mode, take a photo or record a video.

Icons

The following icons may appear on the top line of the screen to indicate your phone's status. Depending on your country or service provider, the icons shown on the display may vary.

	Signal strength
	GPRS (2.5G) network
	Connecting to GPRS (2.5G) network
	Transferring data in GPRS (2.5G) network
	EDGE network
	Connecting to EDGE network
	Transferring data in EDGE network

	Call in progress
	Out of your service area or Offline mode
	SOS message feature active
	Memory card inserted
	Alarm set
	Browsing Internet
	Roaming network
	Call diverting active
	Home Zone
	Office Zone
	Bluetooth active

	Bluetooth hands-free car kit or headset connected
	Synchronised with PC
	Music playback in progress
	Music playback paused
	Silent mode (Mute)
	Silent mode (Vibration)
	Ringer type • : Melody • : Vibration • : Vibration then melody • : Vibration and melody • : Increasing melody

	Whisper mode, during a call
	Mute mode, during a call
	New message: • : Text or Multimedia message • : Email • : Voicemail
	FM radio on
	Battery power level

Access menu functions

Select an option	1. Press a desired soft key. 2. Press the Navigation keys to move to the next or previous option. 3. Press <**Select**>, <**OK**>, or [ ] to confirm the function displayed or option highlighted. 4. Press <**Back**> to move up one level. Press [ ] to return to Idle mode.
Use menu numbers	Press the number key corresponding to the option you want.

Enter text

Change the text input mode	1. In the text entry screen, press and hold [#]. 2. Select the mode you want. ☑ Korean mode is only available in the Korean language setting.
Chinese Pinyin mode	To enter a word: 1. Press the keys corresponding to the Chinese phonetic spelling, pinyin. 2. Press [Left] or [Right] to select alternative pinyins. 3. Press <**Select**> or [*i*]. Numbers are added to each character.
	4. If necessary, press [Up] or [Down] to find the character you want. 5. Press the number key corresponding to the character. 6. When you have finished typing, press [↶]. Rapid character entry: To enter the word *zhong guo* (中国), enter the first character using the following keystrokes; [**9**], [**4**], [**6**], [**6**], [**4**], [*i*] and [**1**]. You do not have to complete the Pinyin spelling to include *guo* (国). The character displays automatically.

Chinese Stroke mode	To enter a word: 1. Press the keys corresponding to a character's component strokes. 2. If necessary, press [Up] or [Down] to find the character you want. 3. Press the number key corresponding to the character you want. 4. When you have finished typing, press [☎]. Rapid character entry: Try entering the characters *zhong guo* (中國) using the following keystrokes: [**2**], [**8**], and [**9**]. You can enter the complete pair in only three key presses.
ABC mode	To enter a word: Press the appropriate key until the character you want appears on the display.
English word mode	To enter a word: 1. Press [**2**] to [**9**] to start entering a word. 2. Enter the whole word before editing or deleting characters. 3. When the word displays correctly, press [**0**] to insert a space. Otherwise, select a word from the alternative word choices.

Korean mode

To enter consonants:

Press the appropriate key until the character you want appears on the display.

To enter double consonats, which do not display in the character selection filed, follow the direction below:

Press [**4**] three times for ㄲ.

Press [**6**] three times for ㄸ.

Press [**7**] three times for ㅃ.

Press [**8**] three times for ㅆ.

Press [**9**] three times for ㅉ.

To enter vowels:

Korean vowels are entered by using, "ㅣ", "ㆍ", or "ㅡ".

"ㆍ" is dependent and should be added to "ㅣ" or "ㅡ" to complete a letter. Follow the directions below:

Press [**2**] and [**1**] for ㅓ.

Press [**1**], [**2**], [**2**], and [**1**] for ㅕ.

Press [**3**] and [**2**] for ㅜ.

Press [**3**], [**2**], and [**2**] for ㅠ.

Press [**3**], [**2**], [**2**], [**1**], and [**1**] for ㅟ.

	To enter a word: Enter a Korean word using the combination of consonants and vowels. Follow the direction below: When entering 반갑습니다. 1. Press [**7**], [**1**], [**2**], and [**5**] for 반. 2. Press [**4**], [**1**], [**2**], and [**7**] for 갑. 3. Press [**8**], [**3**], and [**7**] for 습. 4. Press [**5**] and [**1**] for 니. 5. Press [**6**], [**1**], and [**2**] for 다.
Number mode	Press the keys corresponding to the digits you want.

Symbol mode	Press the corresponding number key to select a symbol.
Other operations	• Press [**1**] to enter punctuation marks or special characters in ABC mode and English word mode. • Press [**0**] to insert a space. • Press [#] to change the text input mode. • Press and hold [*] to quickly switch to Symbol mode. • Press the Navigation keys to move the cursor. • Press [ ] to delete characters one by one. • Press and hold [ ] to clear the entire display.

Customise your phone

Basic settings

1. In Idle mode, press <**Menu**> and select **Settings** → **Setup wizard**.
2. Select a language.
3. Select a main menu style.
4. Select a skin colour pattern.
5. Select the current time zone.
6. Enter the current time and select a time format.
7. Enter the current date and select a date format.
8. Select an alert type for incoming calls, a ringtone, and a ringtone volume.
9. Press <**OK**> when the setup is completed.

Display language

1. In Idle mode, press <**Menu**> and select **Settings** → **Phone settings** → **Language** → **Language**.
2. Select a language.

Call ringer melody

1. In Idle mode, press <**Menu**> and select **Settings** → **Sound settings** → **Incoming call** → **Ring tone**.
2. Select a ringtone category.
3. Select a ringtone.
4. Press <**Save**>.

Key tone volume

In Idle mode, press [volume] to adjust the key tone volume.

Idle mode wallpaper

1. In Idle mode, press <**Menu**> and select **Settings** → **Display settings** → **Wallpaper**.
2. Press [Left] or [Right] to select **Normal**.
3. Select **Main display**.
4. Select an image or a video category.
5. Select an image or a video clip.
6. Press <**Select**>.
7. Press <**Save**>.

Menu mode skin colour

1. In Idle mode, press <**Menu**> and select **Settings** → **Display settings** → **Menu style** → **Skin**.
2. Select a colour pattern.

Menu shortcuts

1. In Idle mode, press <**Menu**> and select **Settings** → **Phone settings** → **Shortcuts**.
2. Select a key.
3. Select a menu to be assigned to the key.

Silent mode

You can switch the phone to Silent mode to avoid disturbing other people. In Idle mode, press and hold [#].

Phone lock

1. In Idle mode, press <**Menu**> and select **Settings** → **Security** → **Phone lock**.
2. Select **Enable**.
3. Enter a new 4- to 8-digit password and press <**OK**>.
4. Enter the new password again and press <**OK**>.

Step outside the phone

Begin with call functions, camera, music player, web browser, and other special features

Make or answer calls

Make a call

1. In Idle mode, enter an area code and phone number.
2. Press [ ].
   Press [Volume] to adjust the volume.
3. To end the call, press [ ] or [ ] to unlock the keypad and press [ ].

Answer a call

1. When the phone rings, press [ ].
2. To end the call, press [ ] or [ ] to unlock the keypad and press [ ].

Use the speakerphone feature

During a call, press [ ] and then <**Yes**> to activate the speaker.

Press [ ] again to switch back to the earpiece.

Make a multi-party call

1. During a call, call the second participant.
   The first call is put on hold.
2. Press <**Options**> and select **Join**.
3. Repeat step 1 and 2 to add more participants.
4. During a multi-party call:
   - Press <**Options**> and select **Select one** → **Private** to have a private conversation with one participant.
   - Press <**Options**> and select **Select one** → **Remove** to drop one participant.
5. Press [ ] to end the multi-party call.

Use the camera

Take a photo

1. In Idle mode, press and hold [ ] to turn on the camera.
2. Aim the lens at the subject and make any desired adjustments.
3. Press [ ] or [ ] to take a photo. The photo is saved automatically.
4. Press <**Preview**> to take another photo.

View a photo

1. In Idle mode, press <**Menu**> and select **My files** → **Images** → **My photos**.
2. Select the photo you want.

Record a video

1. In Idle mode, press and hold [ ] to turn on the camera.
2. Press [**1**] to switch to Record mode.
3. Press [ ] or [ ] to start recording.
4. Press < > or [ ] to stop recording. The video is saved automatically.
5. Press <**Preview**> to record another video.

View a video

1. In Idle mode, press <**Menu**> and select **My files** → **Videos** → **My video clips**.
2. Select the video you want.

Play music

Copy music files to the phone

Use these methods:

- Download from the wireless web.
- Download from a PC using the optional Samsung PC Studio. See Samsung PC Studio User's Guide.
- Receive via Bluetooth.
- Copy to a memory card and insert it into the phone.
- Synchronise music files with Windows Media Player. See the next section.

When inserting a memory card with a large amount of files, your phone might work rather slowly for a few minutes while database updates. This may also affect some phone functions. This problem is temporary and is not a phone defect.

Synchronise with Windows Media Player

You can copy music files to your phone by synchronising with Windows Media Player 11.

1. In Idle mode, press <**Menu**> and select **Settings** → **Phone settings** → **USB settings** → **Media player**.

2. Connect your phone and PC with an optional PC data cable.
3. Select **Sync digital media files to this device** when a pop-up window appears on your PC.
4. Enter the name of your phone and click **Finish**.
5. Select and drag the music files you want to the sync list.
6. Click **Start Sync**.
7. When synchronisation is finished, disconnect the phone from the PC.

Play music files

1. In Idle mode, press <**Menu**> and select **Music player**.
2. Select a playlist → a music file.
3. During playback, use the following keys:
   - *i*: pause or resume playback.
   - Left: restart playback. Press to return to the previous file within 3 seconds after the playback has started. Press and hold to scan backward in a file.

- Right: skip to the next file. Press and hold to scan forward in a file.
- Up: open the playlist.
- Volume: adjust the volume.

4. Press [Down] to stop playback.

Create your playlist

1. From the music player screen, press <**Options**> and select **Open playlist** → **All** → **Playlists**.
2. Press <**Options**> and select **Create playlist**.
3. Enter the title of the playlist and press <**Save**>.
4. Select the added playlist.
5. Press <**Options**> and select **Add** → a source.
6. Select a playlist → a file, or select the files you want and press <**Add**>.
7. Press [ ] to play music.

Listen to the FM radio

Listen to the radio

1. Plug the connecter of the supplied headset into the multi-function jack on the phone.
2. In Idle mode, press <**Menu**> and select **Applications** → **FM radio**.

3. Press [ ] to turn on the radio.
4. Press [Left] or [Right] to find available radio stations.
5. Press [ ] to turn off the radio.

Store radio stations

By automatic tuning:

From the FM radio screen, press <**Options**> and select **Self-tuning**. Available radio stations are automatically saved.

By manual setup:

1. From the FM radio screen, press <**Options**> and select **Add**.
2. Enter the frequency of the station and press <**Save**>.

Browse the web

Launch the web browser

In Idle mode, press [ ] and select **Home**. The homepage of your service provider opens.

Navigate the web

- To scroll through browser items, press [Up] or [Down].
- To select an item, press [ ].
- To return to the previous page, press <**Back**>.
- To access browser options, press <**Options**>.

Use Phonebook

Add a contact

1. In Idle mode, enter a phone number and press <**Options**>.
2. Select **Save contact** → a memory location → **New**.
3. For **Phone**, select a number type.
4. Specify contact information.
5. Press <**Options**> and select **Save** or [ ] to save the contact.

Find a contact

1. In Idle mode, press <**Contacts**>.
2. Enter the first few letters of the name you want.
3. Select a contact.
4. Scroll to a number and press [ ] to dial, or press [ ] to edit contact information.

Send messages

Send a text message

1. In Idle mode, press <**Menu**> and select **Messages** → **Create message** → **Message**.
2. Enter destination numbers and press [Down].
3. Enter the message text.
4. Press [ ] to send the message.

Send a multimedia message

1. In Idle mode, press <**Menu**> and select **Messages** → **Create message** → **Message**.
2. Enter destination numbers or email addresses and press [Down].
3. Enter the message text.
4. Press <**Options**> and select **Input field**.
5. Press [ ] to select the input field items and press <**Save**>.
6. Press <**Yes**>.
7. Fill in the fields.

8. For attaching files, press <**Options**> and select **Add attachment** → an item.
9. Press [ ] to send the message.

Send an email

1. In Idle mode, press <**Menu**> and select **Messages** → **Create message** → **Email**.
2. Press <Yes> to set up Mailbox setting.
3. Enter email addresses and press [Down].
4. Enter the subject and message text.
5. Press <**Options**> and select **Input field**.
6. Press [ ] to select the input field items and press <**Save**>.
7. Fill in the fields. For attaching files, press <**Options**> and select **Add item** or **Create item**→ an item.
8. Press [ ] to send the email.

View messages

View a text message

1. In Idle mode, press <**Menu**> and select **Messages** → **My messages** → **Inbox**.
2. Select a text message.

View a multimedia message

1. In Idle mode, press <**Menu**> and select **Messages** → **My messages** → **Inbox**.
2. Select a multimedia message.

View an email

1. In Idle mode, press <**Menu**> and select **Messages** → **My messages** → **Email inbox**.
2. Select an account.
3. Press <**Options**> and select **Check for new email**.
4. Select an email or a header.
5. If you selected a header, press <**Options**> and select **Retrieve** to view the body of the email.

Use Bluetooth

Your phone is equipped with Bluetooth technology, enabling you to connect the phone wirelessly to other Bluetooth devices and exchange data with them, talk hands-free, or control the phone remotely.

Turn on Bluetooth

1. In Idle mode, press <**Menu**> and select **Bluetooth** → **Activation** → **On**.
2. Select **My phone's visibility** → **On** to allow other devices to locate your phone.

Search for and pair with a Bluetooth device

1. In Idle mode, press <**Menu**> and select **Bluetooth** → **My devices** → **Search for new devices**.
2. Select a device.
3. Enter a Bluetooth PIN or the other device's Bluetooth PIN, if it has one, and press <**OK**>.
   When the owner of the other device enters the same code, pairing is complete.

Send data

1. Access an application, such as **Phonebook**, **My files**, **Calendar**, or **Memo**.
2. Select an item.
3. Press <**Options**> and select **Send via** → **Bluetooth**.
4. For sending a contact, select which data you want to send.
5. Search for and select a device.
6. If necessary, enter the Bluetooth PIN and press <**OK**>.

Receive data

1. When a device attempts to access your phone, press <**Yes**> to permit the connection.
2. If necessary, press <**Yes**> to confirm that you are willing to receive.

Menu functions

All menu options listed

This section provides brief explanations of menu functions on your phone.

Logs

Menu	Description
Recent contacts, Missed calls, Dialled calls, Received calls	Check the most recent calls dialled, received, or missed.
Sent messages, Received messages	View the record of the most recent messages sent or received.
Delete all	Delete all of the records in each call and message type.
Call manager → Call time	Check the time record for calls made and received.
Call manager → Call cost	Check the cost of your calls, if supported by your SIM card.
Call manager → Reject list	Make a list of the phone numbers of callers to reject.

Phonebook

Menu	Description
Contact list	Search for contact information stored in Phonebook.
Create contact	Add a new contact to Phonebook.
Group	Organise your contacts in caller groups.
Speed dial	Assign a speed dial number for your most frequently dialled numbers.
My namecard	Create a name card and send it to other people.
Own numbers	Check your phone numbers, or assign a name to each of the numbers.
Management	Manage contacts in Phonebook or change the default settings for Phonebook.
Service number	View the SDN (Service Dialling Number) list assigned by your service provider, if supported by your SIM card.

Music player

Access and listen to all music files sorted by criteria. You can also make your own music playlists.

Browser

Menu	Description
Home	Connect your phone to the network and load the homepage of the wireless web service provider.
Anysearch	Use this Java-based application to search for various information from the wireless web. Your phone's skin colour and keytone settings do not affect this application.
SFC home[1]	Access Samsung Fun Club, the preset website providing Samsung mobile phone users with attractive download services of up-to-date ringtones and wallpapers.
Enter URL	Enter a URL address and access the associated web page.
Bookmarks	Save URL addresses in order to quickly access web pages.

1. All rights and responsibilities for the Java-based games embedded in your phone and media contents provided by Samsung Fun Club, such as images, sounds, and Java applications, belong to their respective owners.

Menu	Description
Saved pages	Access the list of pages you have saved while online.
History	Access the list of pages you have accessed recently.
Browser settings	Clear the cache. Delete cookies or set whether or not they are stored. Change the settings for the web browser and access version and copyright information about it.
Streaming settings	Select a connection profile to be used for accessing a streaming server.

Messages

Menu	Description
Create message	Create and send text, multimedia, or email messages.
My messages	Access messages that you have received, sent, or that have failed during sending.
Templates	Make and use templates of frequently used messages or passages.
Delete all	Delete messages in each message folder all at once.
Settings	Set up various options for using the messaging services.

Menu	Description
SOS Messages	Specify options for sending and receiving an SOS message. You can send an SOS message by pressing [Volume] 4 times when the phone is closed and the exposed keys are locked.
Memory status	Check information about the memory currently in use.

My files

Menu	Description
Images, Videos, Music, Sounds, Other files	Access media files and other files stored in the phone's memory.
Olympic Games English	Access media files for language learning. You can download new files from Samsung Fun Club to your PC and copy them to your phone.
Memory card	Access the files stored on a memory card. This menu is only available when you insert a memory card into the phone.
Memory status	Check information about the memory currently in use.

Calendar

Keep track of your schedule.

Camera

Use the camera embedded in your phone to take photos and record videos.

Bluetooth

Menu	Description
Activation	Activate or deactivate the Bluetooth feature.
My devices	Search for connectable Bluetooth devices.
My phone's visibility	Allow other Bluetooth devices to locate your phone or not.
My phone's name	Assign a Bluetooth device name to your phone, which is then displayed on other devices.
Secure mode	Determine if the phone asks for your confirmation when other devices access your data.
Bluetooth services	Display available Bluetooth services.

Applications

Menu	Description
Smart search	Quickly search your phone for any stored information by category. You can access all the results directly from the search screen.

Menu	Description
Voice recorder	Record voice memos and any other sounds.
FM radio	Listen to music or news via the FM radio on your phone.
Image editor	Edit your photos using various editing tools.
Image stamp	Make an outline stamp of a photo and merge it with another photo.
Java world[1]	Access Java games and applications.
World clock	Set your local time zone and find out the current time in another part of the world.
Calculator	Perform arithmetic functions.
Converter	Do conversions, such as length and temperature.
Timer	Set a period of time for the phone to count down.
Stopwatch	Measure elapsed time.
Memo	Make memos for things that are important and manage them.

1. All rights and responsibilities for the Java-based games embedded in your phone and media contents provided by Samsung Fun Club, such as images, sounds, and Java applications, belong to their respective owners.

Menu	Description
SIM application toolkit	Use a variety of additional services offered by your service provider. This menu is available only if supported by your SIM card.

Alarms

Set a wake-up call to wake you up in the morning or an alarm to alert you to an event at a specific time.

Settings

Menu	Description
Time and date	Change the time and date displayed on your phone.
Phone settings → Language	Select a language for the display text.
Phone settings → Greeting message	Enter the greeting that is displayed briefly when the phone is switched on.
Phone settings → Slide settings	Set how the phone reacts when you open it for an incoming call, and when you close it while using a function.

Menu	Description
Phone settings → Shortcuts	Use the Navigation keys as shortcuts to access specific menus directly from Idle mode. [Up] is fixed as a shortcut to My menu mode.
Phone settings → My menu	Set up a menu of your own using your favourite menu items, which can be easily accessed by pressing [Up] in Idle mode.
Phone settings → Volume key	Set how the phone reacts if you press and hold [Volume] when a call comes in.
Phone settings → Extra settings	Change additional settings for using the phone.
Phone settings → Offline mode	Switch the phone to Offline mode, in which the phone functions requiring network connection are deactivated.
Phone settings → USB settings	Select a USB mode that will be used when you connect your phone to a PC via USB interface.
Display settings → Wallpaper	Set up the idle screen on the display.
Display settings → Menu style	Select a display style for the main menu screen or select a skin colour pattern for Menu mode.

Menu	Description
Display settings → Text display	Change the display settings for the text displayed on the idle screen.
Display settings → Brightness	Adjust the brightness of the display for varying lighting conditions.
Display settings → Dialling display	Customise the settings for the display while dialling.
Display settings → Clock display	Select a clock type to be displayed on the idle screen.
Display settings → Show caller information	Set the phone to display missed call notifications with the most recently missed caller's information.

Menu	Description
Display settings → TV-out settings	Select a video system for your TV to view the phone display on the TV screen.
Sound settings → Incoming call	Change the sound settings for incoming calls.
Sound settings → Keypad tone	Select the tone that the phone sounds when you press a key.
Sound settings → Message tone	Change the sound settings for incoming messages individually according to message type.
Sound settings → Power on/off tone	Set your phone to sound when it is switched on or off.

Menu	Description
Sound settings → Time alert	Set the phone to sound an alert at regular intervals. You can also set the phone to state the current time by pressing and holding [Volume up] in Idle mode.
Sound settings → Silent mode	Set how the phone acts to alert you to a specific event while in Silent mode.
Sound settings → Extra tones	Customise additional tones for the phone.
Light settings → Backlight time	Select the length of time the backlight or display stays on when the phone is not used.
Light settings → Keypad light	Set how the phone controls the use of the keypad light.

Menu	Description
Setup wizard	Quickly customise basic settings of your phone. Select the option you want for each setting by following the onscreen instructions.
Network services → Call diverting	Set the phone to reroute incoming calls to a phone number that you specify.
Network services → Call barring	Set the phone to restrict calls.
Network services → Call waiting	Set the phone to inform you when someone is calling you while on another call.

Menu	Description
Network services → Network selection	Select the network to be used while roaming outside of your home area, or let the network be chosen automatically.
Network services → Caller ID	Set the phone to hide your phone number from the person you are calling.
Network services → Voice mail server	Store the number of the voicemail server and access your voicemails.
Network services → Closed user group	Set calls to be restricted to a selected user group.
Security → PIN check	Activate your PIN to protect your SIM card against unauthorised use.

Menu	Description
Security → Change PIN code	Change the PIN.
Security → Phone lock	Activate your phone password to protect your phone against unauthorised use.
Security → Change password	Change the phone password.
Security → Privacy	Lock access to messages, files, or all menu functions on the phone, except for call functions.
Security → SIM lock	Set the phone to work only with the current SIM card by assigning a SIM lock password.

Menu	Description
Security → Fixed dialling mode	Set the phone to restrict calls to a limited set of phone numbers, if supported by your SIM card.
Security → Change PIN2 code	Change your current PIN2, if supported by your SIM card.
Security → Mobile tracker	Set the phone to send the preset tracking message to your family or friends when someone tries to use your phone with another SIM card. This feature may be unavailable due to certain features supported by your service provider.

Menu	Description
Connection settings	Create and customise the profiles containing the settings for connecting your phone to the network.
Memory status	Check information about the memory currently in use.
Reset settings	Reset the phone's settings you have changed.

SAR certification information

This phone meets European Union (EU) requirements concerning exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured to not exceed the limits for exposure to radio-frequency (RF) energy, as recommended by the EU Council. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through the periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit recommended by the EU Council is 2.0 W/kg.[1]

SAR tests are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

1. The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR values may vary, depending on national reporting requirements and the network band.

Precautions when using batteries

- Never use a charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power. Talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the service provider.
- Battery charging time depends on the remaining battery charge, the type of battery, and the charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers. Disconnect the charger from the power source when it is not in use. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places because the capacity and lifetime of the battery will be reduced. Try to keep the battery at room temperature. A phone with a hot or cold battery may not work temporarily, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0° C (32° F).
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object like a coin, clip or pen causes a direct connection between the + and – terminals of the battery (metal strips on the battery). For example, do not carry a spare battery in a pocket or bag where the battery may contact metal objects. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Road safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When you are driving a car, driving is your first responsibility. When using your wireless phone while driving, follow local regulations in the country or region you are in.

Operating environment

Remember to follow any special regulations in force in the area you are in, and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research. If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other medical devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy.

Your physician may be able to assist you in obtaining this information.

Switch off your phone in health care facilities when regulations posted in these areas instruct you to do so.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle.

You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Switch off your phone in any facility where posted notices require you to do so.

Potentially explosive environments

Switch off your phone when in any area with a potentially explosive atmosphere, and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone while at a refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include the areas below decks on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas, such as propane or butane, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency calls

This phone, like any wireless phone, operates using radio signals, wireless, and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications like medical emergencies.

To make or receive calls, the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. Switch on the phone.
2. Key in the emergency number for your present location. Emergency numbers vary by location.
3. Press [ ].

Certain features like Call Barring may need to be deactivated before you can make an emergency call. Consult this document and your local cellular service provider.

Other important safety information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the phone, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. Improperly installed wireless equipment could result in serious injury if the air bag inflates.
- Switch off your phone before boarding an aircraft. It is dangerous and illegal to use wireless phones in an aircraft because they can interfere with the operation of the aircraft.

- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep your phone and all its parts and accessories out of the reach of small children and pets. They may accidentally damage these things or choke on small parts.
- Keep the phone dry. Precipitation, humidity, and liquids contain minerals that corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock, or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone. Wipe it with a soft cloth.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, stove, or radiator. The phone may explode when overheated.

- When the phone or battery gets wet, the label indicating water damage inside the phone changes colour. In this case, phone repairs are no longer guaranteed by the manufacturer's warranty, even if the warranty for your phone has not expired.
- If your phone has a flash or light, do not use it too close to the eyes of people or animals. This may cause damage to their eyes.
- Use only the supplied or an approved replacement antenna. Unauthorised antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.